

## IN THE SPECIFICATION

The disclosure is objected to because of the following informalities:

Page 15, line 3: "Image" in line 3 should have been "Entropy Distribution," as indicated by the marked up text:

*Estimation of Low Bit Rate Image Entropy Distribution From High Bit Rate  
Entropy Distribution Image*

Page 23, equation (11): Please replace "1" with " $l$ " as indicated by the marked up text:

[0062] The cumulative weighted resolution-j entropy of a pixel block of size  $2n \times 2n$  at location  $(x,y)$  is given by

$$\hat{B}_j^{pixel}(x,y) = \sum_{l=1}^J \gamma_{j,l} \hat{B}_{l1}(i,k) \quad (11)$$

with  $i = \left\lfloor \frac{x}{2^l} \right\rfloor$  and  $k = \left\lfloor \frac{y}{2^l} \right\rfloor$  for the locations  $i$  and  $k$  in  $\hat{B}_j(i,k)$  in

equation (10) and weights  $\gamma_{j,l}$ . An example for a collection of weights is

$$\gamma_{j,l} = 0 \text{ for } l < j \text{ and } \gamma_{j,l} = w_j \text{ for } l \geq j \quad (12)$$

with  $w_0 = 1$ ,  $w_1 = 3.5$ ,  $w_2 = 5.5$ ,  $w_3 = 13$ ,  $w_4 = 20$ . The parameters  $w_i$  and the weights  $\gamma_{j,l}$  may be changed depending on the application. The set of

values  $\hat{B}_j^{pixel}$  is called the cumulative weighted entropy of the image at resolution  $j$ .